IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MANOSROI et al.

Appl. No. 09/987,455

Filed: November 14, 2001

Methods for Large Scale

Production of Recombinant DNA-

Derived tPA or K2S Molecules

Confirmation No.: 6739

Art Unit:

1652

Examiner: Nashed, N.

Atty. Docket: 0652.2190001/EKS/M-M

Amendment and Reply Under 37 C.F.R. § 1.111 and **Submission Of Substitute Sequence Listing** Under 37 C.F.R. § 1.825(a)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated September 4, 2003 (PTO Prosecution File Wrapper Paper No. 12), Applicants submit the following Amendment and remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
 - (C) Starting on a separate sheet, a complete listing of all of the claims:
 - in ascending order;
 - with status identifiers; and
 - with markings in the currently amended claims; and
 - (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.